



# Product Evaluation

WIN2248 | 1017

Engineering Services Program

*The following product has been evaluated for compliance with the wind loads specified in the International Residential Code (IRC) and the International Building Code (IBC).*

*This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.*

*This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.*

*For more information, contact TDI Engineering Services Program at (800) 248-6032.*

**Evaluation ID:** WIN-2248

**Effective Date:** October 1, 2017

**Re-evaluation Date:** October 2021

**Product Name:** H3 2.0 Aluminum Clad Vinyl Wood Frame, Aluminum Clad Wood Sash, Casement Picture Windows, Fin Installation, Non-Impact Resistant

**Manufacturer:** Sierra Pacific Windows  
575 South Whelen Avenue  
Medford, WI 54451  
(715) 748-2011

## General Description:

System	Description	Label Rating	Design Pressure Rating
1	Casement Picture Window	CW-PG35 72 X 84-FW	+35 / -35 psf
2	Casement Picture Window; HP	CW-PG50 72 X 84-FW	+50 / -55 psf

## Product Dimensions:

System	Overall Size	Sash Size
1	71-1/2" x 83-1/2"	68-1/8" x 80-3/8"
2	71-1/2" x 83-1/2"	68-1/8" x 80-3/8"

**Product Identification (Certification Label on Window):**

System		
1	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Sierra Pacific Windows
	Product Name	H3 2.0 Casement Picture
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11
2	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Sierra Pacific Windows
	Product Name	H3 2.0 Casement Picture-HP
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11

**Impact Resistance:**

System	Impact Resistant	Requirement
1, 2	No	Provide an impact protective system when installing the product in areas that require windborne debris protection.

**Acceptance of Smaller Assemblies:** Window assemblies with dimensions equal to or smaller than those specified are acceptable with the limitations specified in this report.

**Installation:**

System		
1	Type of Installation	Fin Installation
	Wall Framing	Spruce-Pine-Fir Dimension lumber
	Fasteners	Minimum No. 8 PPH screws
	Fastener Location/Spacing	Locate fasteners approximately 2" from each corner and approximately 8" on center along the perimeter of the window.
	Fastener Penetration	Minimum 1-1/2" into the wall framing
2	Type of Installation	Fin / Frame Installation
	Wall Framing	Spruce-Pine-Fir Dimension lumber
	Fasteners	Minimum No. 8 PPH screws Minimum No. 7 PPH screws
	Fastener Location/Spacing	No. 8 PPH screws: Through the fin, locate fasteners approximately 2" from each corner and approximately 8" on center along the perimeter of the window. No. 7 PPH screws: Through the frame, along the side jambs, locate the fasteners approximately 21" from each corner and one at the mid span. Along the head and the sill, locate the fasteners approximately 18" from each corner.
	Fastener Penetration	Minimum 1-1/2" into the wall framing

**Note:** Keep the manufacturer's installation instructions available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC, the IBC, and the Texas Revisions.